

| Application/Control | No. |
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| 10/751,116          |     |

OHTSUBO ET AL. **Art Unit** 

Applicant(s)/Patent under Reexamination

Examiner

Michael A. Marcheschi

1755

| ISSUE CLASSIFICATION  |              |        |          |        |          |                    |                |                              |            |                   |              |            |             |              |            |   |          |            |  |  |
|---|--------------|--------|----------|--------|----------|--------------------|----------------|------------------------------|------------|-------------------|--------------|------------|-------------|--------------|------------|---|----------|------------|--|--|
| ORIGINAL  |              |        |          |        |          |                    |                | INTERNATIONAL CLASSIFICATION |            |                   |              |            |             |              |            |   |          |            |  |  |
| CLASS SUBCLASS  |              |        |          |        |          |                    |                |                              | Cl         | AIMED             |              |            | NON-CLAIMED |              |            |   |          |            |  |  |
|   | 51 307       |        |          |        |          |                    | С              | 09                           | к          | 3                 |              | /14        | В           | 24           | D          | 5 | /        | 00         |  |  |
| CROSS REFERENCES  |              |        |          |        |          |                    |                | 24                           | В          | 3                 |              | /00        |             |              |            |   | ,        |            |  |  |
| CLASS   |              | LASS ( |          | BCLASS | PER      | BLOCK)             | В              |                              |            |                   |              |            |             |              |            |   |          |            |  |  |
| 51  | 309          | -      | 293      |        |          | В                  | 24             | D                            | 3          |                   | /28          |            |             |              |            |   |          |            |  |  |
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|   | L            |        |          |        | ╅        | -                  | <u> </u>       |                              |            |                   | <del> </del> |            |             |              |            |   |          |            |  |  |
| N/A  (Assistant Examiner) (Date)  N/A  Total Claims Allowed: 16 |              |        |          |        |          |                    |                |                              |            |                   |              |            |             |              |            |   |          |            |  |  |
| <i>A</i>  |              |        | 21       | 138/   |          | ر خزا<br>د ـ . ـ . |                |                              | 1-2 L      |                   |              |            |             | O.G.         | (2)        |   |          | O.G.       |  |  |
| (Legal Ins  | struments    | s Exan | niner)/c | XIIII  | 9        | (Primary           | <b>2</b> x3661 |                              | 1.1        | (Øate)            |              |            | Print       | Claim        | (S)        |   | Prin     | t Fig.     |  |  |
| (Logal Instruments Examiner) (Date) (1) 4/26/04                 |              |        |          |        |          |                    |                |                              |            |                   |              |            |             |              |            |   |          |            |  |  |
| Claim   | s renun      | nbere  | d in th  | e sam  | e ord    | ler as pre         | sent           | ed by                        | appl       | icant             | ОС           | PA         |             | ום           | <br>Г.D.   |   | □R       | .1.47      |  |  |
| al la   |              |        | nal      |        |          | lal                |                | <u> </u>                     | nal        |                   | 76           | lal        |             |              | lac        |   |          |            |  |  |
| Final   |              | Final  | Original |        | Final    | Original           |                | Final                        | Original   |                   | Final        | Original   |             | Final        | Original   |   | Final    | Original   |  |  |
| 1 1   | ┨            |        | 31       | -      |          | 61                 | }              | -                            | 91         | }                 |              | 121        |             |              | 151        | - |          | 181        |  |  |
| 2 2   | ] ]          |        | 32       |        |          | 62                 |                |                              | 92         |                   |              | 122        |             |              | 152        |   |          | 182        |  |  |
| 3 4   |              |        | 33<br>34 | }      |          | 63                 | -              |                              | 93<br>94   | -                 |              | 123<br>124 |             |              | 153<br>154 |   |          | 183<br>184 |  |  |
| 4 5   | ┪            |        | 35       | ŀ      |          | 65                 | }              |                              | 95         | 1                 |              | 125        |             |              | 155        |   |          | 185        |  |  |
| 5 6   | ] [          |        | 36       | Ţ      |          | 66                 |                |                              | 96         | ]                 |              | 126        |             |              | 156        |   |          | 186        |  |  |
| 6 7 7 8   | - }          |        | 37<br>38 |        |          | 67<br>68           | -              |                              | 97<br>98   | -                 |              | 127<br>128 |             |              | 157<br>158 | _ | -        | 187<br>188 |  |  |
| 8 9   | 1 1          |        | 39       |        |          | 69                 | F              |                              | 99         |                   |              | 129        |             |              | 159        | _ | <b></b>  | 189        |  |  |
| 9 10  | ] [          |        | 40       |        |          | 70                 |                |                              | 100        | ]                 |              | 130        |             |              | 160        |   |          | 190        |  |  |
| 10 11<br>11 12  | ┨            |        | 41       | }      |          | 71<br>72           | }              |                              | 101        | .                 |              | 131        |             | <u> </u>     | 161        |   |          | 191        |  |  |
| 12 13   | ┥┟           |        | 42       | -      |          | 73                 | ł              |                              | 102<br>103 | $\mid \cdot \mid$ |              | 132<br>133 |             | <del></del>  | 162<br>163 |   | ļ        | 192<br>193 |  |  |
| 13 14   | ] [          |        | 44       |        |          | 74                 |                |                              | 104        | j l               |              | 134        |             |              | 164        | _ |          | 194        |  |  |
| 14 15   | 4 }          |        | 45       |        |          | 75                 |                |                              | 105        | ]                 |              | 135        |             |              | 165        |   |          | 195        |  |  |
| 16  |              |        | 46<br>47 | }      |          | 76<br>77           | -              |                              | 106<br>107 | 1                 |              | 136<br>137 |             | <u> </u>     | 166<br>167 |   | <u> </u> | 196<br>197 |  |  |
| 18  | 1.           |        | 48       | ŀ      |          | 78                 | <u> </u>       |                              | 108        | 1                 |              | 138        |             | <del> </del> | 168        |   |          | 198        |  |  |
| 19  | <del> </del> |        | 49       |        |          | 79                 |                |                              | 109        | 1 1               |              | 139        |             |              | 169        |   |          | 199        |  |  |
| 20-   | +            |        | 50       | -      |          | 80                 | -              |                              | 110        | ]                 |              | 140        |             |              | 170        |   |          | 200        |  |  |
| 21 22   | <del> </del> |        | 51<br>52 | ŀ      |          | 81<br>82           | -              |                              | 111<br>112 | { }               |              | 141<br>142 |             | <u> </u>     | 171        |   |          | 201        |  |  |
| 15 23   | 1 }          |        | 53       | }      |          | 83                 | <br>           |                              | 113        | 1 1               |              | 143        |             |              | 173        |   |          | 202        |  |  |
| 16 24   | ] [          |        | 54       |        |          | 84                 |                |                              | 114        | ] [               |              | 144        |             |              | 174        |   |          | 204        |  |  |
| 25  | #            |        | 55       | -      |          | 85                 | -              |                              | 115        | . [               |              | 145        | İ           |              | 175        |   |          | 205        |  |  |
| 26  | ┥┟           |        | 56<br>57 | -      |          | 86                 | -              |                              | 116<br>117 | { }               |              | 146<br>147 |             |              | 176<br>177 |   |          | 206<br>207 |  |  |
| 28  | j †          |        | 58       | t      |          | 88                 | r              |                              | 118        | 1 }               |              | 148        |             |              | 178        |   |          | 208        |  |  |
| 29  | ] [          |        | 59       | ļ      |          | 89                 | ļ              |                              | 119        | ]                 |              | 149        |             |              | 179        |   |          | 209        |  |  |
| 30  |              |        | 60       |        |          | 90                 |                |                              | 120        | $oxed{oxed}$      |              | 150        |             | L            | 180        | 1 |          | 210        |  |  |